

**ABSTRACT OF THE DISCLOSURE**

Software is utilized for allowing a physician to modify the rules of a decision tree so that the individual judgment of the doctor is best utilized. A technician can then carry out tests on a patient, obtain test data in the form of digital data, and apply the test data to the software. The patient test data is then processed through the decision tree to thereby obtain a diagnosis of the patient using the professional judgment without the presence of the physician.

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